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Industrial Fishery Products, Annual Summary 1975

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Source of data:–Since 1921, the National Marine Fisheries Service of the National Oceanic and Atmospheric Administration and its predecessor organizations have made annual surveys for statistics on the domestic production of industrial fishery products. The data collected include statistics on the production and value of each commodity. The value shown for the products constitutes the gross amount received by the producer at the production point; no deductions are made for commission or expenses.

January 19, 1977 Washington, D.C.

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / NATIONAL MARINE FISHERIES SERVICE

The value of the 1975 production of industrial fishery products in the United States, American Samoa, and Puerto Rico was $162.3 million--$36.5 million less than the $198.8 million produced in the previous year. In terms of value, the leading producing State was Louisiana ($49.8 million), followed by California ($42.1 million), and Virginia ($13.2 million).

FISH MEAL AND SCRAP. Domestic production including shellfish meal was 290,431 tons--10,283 tons less than the previous year. Menhaden meal, (191,443 tons) accounted for 65.9 percent of the fish meal production and was 12,416 tons less than the 203,859 tons produced in 1974. Production of tuna and mackerel meal (a byproduct of canning) was 37,209 tons in 1975 compared with 48,244 tons in 1974. This reduction was attributed to a drop in the production of canned tuna.

FISH OILS. The United States production of fish oils reached 245.7 million pounds, 3 percent more than a year earlier and the highest since 1971. A sharp increase in the production of anchovy oil contributed to this improvement.

FISH SOLUBLES. Domestic production of fish solubles was 127.9 tons valued at $8.8 million, down 7 percent in quantity and 25 percent in value compared with 1974.

OTHER INDUSTRIAL PRODUCTS. Oyster shell grit and lime were valued at $5.8 million in 1975 compared with $4.7 million in 1974. The value of other industrial products was $49.6 million compared with $48.9 million in 1974. These other industrial products included agar-agar, animal feeds, crab and clam shells processed for food serving, fish pellets, Irish moss extract, kelp products, shark leather, liquid fertilizer, and pearl essence.

SUMMARY OF PRODUCTION, BY PRODUCTS, 1975

Product	Plants	Unit	Quantity	Dollars
	Number		Thousands	
Fish and shellfish meal	71	Tons	290	65,545
Fish body oils	40	Pounds	245,653	32,603
Fish solubles	26	Tons	128	8,753
Oyster shell grit and lime ("live and reef shells")	6	do	276	5,847
Miscellaneous industrial products	35	–	–	49,550
Total	(1) 115	–	–	162,297

(1) Exclusive of duplication. Note:--Totals are correct. This table will not add because of rounding.

VALUE OF PRODUCTION, BY STATES, 1975

State	Thousand dollars
Maine	21,638
Massachusetts	2,199
Rhode Island, New York, and Pennsylvania	436
New Jersey	2,980
Maryland	1,380
Virginia	13,210
North Carolina	6,185
Georgia, Alabama, and Texas	4,647
Florida	480
Mississippi	10,157
Louisiana	49,799
Alaska	400
Washington	2,933
Oregon	459
California	42,116
Iowa, Michigan, and Wisconsin	513
American Samoa and Puerto Rico	2,765
Total	162,297

PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1975

Area and State	Plants	Area and State	Plants
	Number		Number
New England:		South Atlantic and Gulf (Continued):	
Maine	7	Mississippi	6
Massachusetts	4	Louisiana	18
Rhode Island	2	Texas	1
Total	13	Total	44
Middle Atlantic:		Great Lakes:	
New York	2		
New Jersey	4	Michigan	1
Pennsylvania	1	Wisconsin	1
Total	7	Total	2
Chesapeake:		Mississippi River, Iowa	1
Maryland	3		
Virginia	9	Pacific Coast:	
		Alaska	4
Total	12	Washington	7
		Oregon	6
South Atlantic and Gulf:		California	13
North Carolina	12		
Georgia	2	Total	30
Florida	4		
Alabama	1	American Samoa	2
		Puerto Rico	4
(Continued)		Grand total	115

PRODUCTION OF MARINE ANIMAL MEAL AND SCRAP, 1975

Product	Atlantic and Gulf Coasts		American Samoa, Pacific Coast, and Puerto Rico		Total	
	Thousand tons	Thousand dollars	Thousand tons	Thousand dollars	Thousand tons	Thousand dollars
Dried scrap and meal:						
Fish:						
Anchovy	–	–	28	6,559	28	6,559
Herring:						
Sea	(1) 4	(1) 1,074	–	–	4	1,074
Thread	1	186	–	–	1	186
Menhaden	191	45,993	–	–	191	45,993
Tuna and mackerel	–	–	37	6,384	37	6,384
Unclassified	(2) 17	(2) 4,083	1	251	18	4,334
Total	213	51,336	66	13,194	279	64,530
Shellfish:						
Crab	7	723	1	84	8	807
Shrimp	1	25	1	101	2	126
Unclassified	–	–	1	82	1	82
Total	8	748	3	267	11	1,015
Grand total	221	52,084	69	13,461	290	65,545

(1) Includes production on the Pacific Coast. (2) Includes production in the Great Lakes and Mississippi River.

PRODUCTION OF MARINE ANIMAL OIL, 1975

Product	Atlantic and Gulf Coasts		Pacific Coast and Puerto Rico		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fish oil:						
Anchovy	–	–	12,857	1,547	12,857	1,547
Herring:						
Sea	1,598	161	–	–	1,598	161
Thread	1,601	185	–	–	1,601	185
Menhaden	213,271	29,182	–	–	213,271	29,182
Tuna and mackerel	–	–	6,444	691	6,444	691
Unclassified	(1) 9,186	(1) 762	696	75	9,882	837
Total	225,656	30,290	19,997	2,313	245,653	32,603

(1) Includes production in the Great Lakes and Mississippi River area and liver oils.
Note:--To convert oil to gallons divide by 7.75.

PRODUCTION OF FISH SOLUBLES, 1975

Product, State, and number of plants	Thousand tons	Thousand dollars
Fish solubles:		
Massachusetts (1), New Jersey (1), Virginia (2), and Florida (2)	37	2,208
North Carolina (4)	9	685
Mississippi (3)	15	911
Louisiana (7)	27	1,806
California (4), Oregon (1), and Puerto Rico (1)	40	3,143
Total (26)	128	8,753

PRODUCTION OF MENHADEN PRODUCTS, 1975

State and number of plants	Dried scrap and meal		Oil		Solubles		Total
	Thousand tons	Thousand dollars	Thousand pounds	Thousand dollars	Thousand tons	Thousand dollars	Thousand dollars
Maine (1), Massachusetts (1), New Jersey (1), Virginia (2), and Florida (1)	46	11,002	24,216	2,977	33	1,978	15,957
North Carolina (4)	17	4,357	3,319	389	9	686	5,432
Mississippi (3)	24	5,765	23,775	3,251	15	911	9,927
Louisiana (8)	104	24,869	161,961	22,564	27	1,806	49,239
Total (21)	191	45,993	213,271	29,181	84	5,381	80,555

Note:--May include a small quantity of other species.

PRODUCTION OF OYSTER SHELL PRODUCTS, 1975

("Live and reef shells")

State and number of plants	Poultry grit		Lime, burned and unburned		Total	
	Thousand tons	Thousand dollars	Thousand tons	Thousand dollars	Thousand tons	Thousand dollars
Alabama (1), Maryland (1), Oregon (1), Pennsylvania (1), Texas (1), and Virginia (1)	264	5,602	12	245	276	5,847

PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS, 1975

Product	State and number of plants	Thousand dollars
Agar-agar	California (1)	
Animal feeds and fish feed pellets	California (2), Michigan (1), New York (1), North Carolina (1), Oregon (4), Rhode Island (1), Virginia (2), and Washington (4)	
Clam and crab shells (processed for food serving)	Florida (1), Massachusetts (1), Mississippi (2), North Carolina (1), and Rhode Island (1)	49,550
Irish moss extracts	Maine (2) and Massachusetts (1)	
Kelp products	California (1)	
Shark leather	New Jersey (1)	
Liquid fertilizer	California (1)	
Marine pearl shell buttons	New Jersey (2)	
Pearl essence	Maine (3)	
Unclassified crab products	Washington (1)	

NUMBER OF PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, BY TYPE PRODUCT, 1975

Product	Atlantic and Gulf Coasts (1)	Pacific Coast (2)	Total
	Number		
Scrap and meal, dried:			
Alewife	3	–	3
Anchovy	–	6	6
Carp	1	–	1
Crab	14	4	18
Herring:			
Sea	2	2	4
Thread	3	–	3
Menhaden	22	–	22
Shrimp	10	1	11
Tuna and mackerel	–	12	12
Unclassified	16	4	20
Oil:			
Alewife	3	–	3
Anchovy	–	6	6
Carp	1	–	1
Herring:			
Sea	2	1	3
Thread	3	–	3
Tuna and mackerel	–	8	8
Unclassified:			
Liver	1	–	1
Body	6	3	9
Shell products:			
Clam shells processed for food serving	3	–	3
Crabs shells processed for food serving	3	–	3
Marine pearl shell buttons	2	–	2
Oyster shell:			
Crushed shell for poultry feed	4	1	5
Lime (burned and unburned)	2	1	3
Seaweed products:			
Agar-agar	–	1	1
Irish moss extracts	3	–	3
Kelp products	–	1	1
Miscellaneous:			
Animal feeds	6	10	16
Chitosan	–	1	1
Fish solubles	20	6	26
Shark leather	1	–	1
Liquid fertilizer	–	1	1
Pearl essence	3	–	3
Total, exclusive of duplication	77	38	115

(1) Includes firms in the Great Lakes and Mississippi River areas. (2) Includes Puerto Rico and American Samoa.

PRODUCTION OF INDUSTRIAL FISHERY PRODUCTS, 1962–75

Year	Menhaden, dried scrap and meal		Herring meal		Tuna and mackerel meal	
	Tons	Thousand dollars	Tons	Thousand dollars	Tons	Thousand dollars
1962	239,707	28,250	5,095	689	26,559	2,579
1963	184,205	22,263	7,537	856	26,957	2,943
1964	160,349	20,001	8,881	1,103	21,113	2,229
1965	175,959	25,869	12,932	2,006	25,399	3,032
1966	134,954	20,539	11,860	1,971	25,290	3,199
1967	119,135	15,265	9,492	1,328	25,487	2,758
1968	143,154	19,534	15,411	2,128	28,781	2,955
1969	159,493	26,960	6,563	1,045	26,870	3,239
1970	188,550	34,658	6,415	1,175	26,674	3,753
1971	220,996	34,953	5,189	860	29,287	3,706
1972	193,580	35,294	5,487	1,162	43,226	5,484
1973	188,786	84,893	4,457	1,978	43,635	13,243
1974	203,859	60,369	3,191	1,268	48,244	11,603
1975	191,443	45,993	3,581	1,074	37,209	6,384

Year	Other, dried scrap and meal		Total, scrap and meal		Fish solubles and homogenized condensed fish (1)	
	Tons	Thousand dollars	Tons	Thousand dollars	Tons	Thousand dollars
1962	40,898	4,056	312,259	35,573	124,649	6,635
1963	37,208	4,172	255,907	30,235	107,402	6,753
1964	44,909	4,706	235,252	28,039	93,236	5,662
1965	39,761	4,800	254,051	35,707	94,850	5,939
1966	51,717	6,566	223,821	32,276	83,441	5,160
1967	57,075	6,687	211,189	26,038	74,675	4,588
1968	47,790	5,644	235,136	30,261	71,833	3,707
1969	59,738	8,579	252,664	39,823	81,692	4,123
1970	47,558	6,768	269,197	46,353	94,968	4,946
1971	37,340	4,982	292,812	44,501	111,188	5,046
1972	43,213	6,349	285,506	48,289	134,395	5,728
1973	50,639	19,792	287,517	119,905	137,435	15,446
1974	45,420	11,140	300,714	84,380	137,259	11,730
1975	58,198	12,094	290,431	65,545	127,850	8,753

Year	Menhaden oil		Herring oil		Tuna and mackerel oil	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1962	232,619	10,060	5,086	238	5,008	236
1963	167,635	9,853	5,709	293	5,903	274
1964	157,730	11,735	10,354	785	4,816	272
1965	175,204	13,241	8,528	748	4,794	334
1966	144,198	10,982	7,882	585	4,111	303
1967	101,384	4,736	5,676	307	5,218	268
1968	152,020	6,247	9,533	376	4,549	163
1969	149,155	8,253	3,484	217	4,256	132
1970	186,283	16,833	5,437	328	3,534	168
1971	244,040	19,249	5,856	488	4,933	255
1972	166,956	11,563	5,064	481	5,030	272
1973	200,489	23,051	1,724	238	7,396	494
1974	217,045	46,060	(2)	(2)	6,819	810
1975	213,271	29,182	1,598	161	6,444	691

See footnotes at end of table.

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National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Washington, D.C. 20235

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PRODUCTION OF INDUSTRIAL FISHERY PRODUCTS, 1962–75- Continued

Year	Whale and sperm oil		Other marine animal oil		Total oil	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1962 . . .	2,567	178	4,795	290	250,075	11,001
1963 . . .	2,129	148	4,451	285	185,827	10,853
1964 . . .	3,180	196	4,138	309	180,198	13,297
1965 . . .	2,667	169	4,247	360	196,440	14,852
1966 . . .	1,365	81	6,489	528	164,045	12,480
1967 . . .	2,483	147	7,637	653	122,398	6,112
1968 . . .	2,394	116	5,576	425	174,022	7,327
1969 . . .	1,736	104	11,154	620	169,785	9,326
1970 . . .	680	46	10,150	899	206,084	18,185
1971 . . .	418	40	10,203	799	265,450	20,831
1972 . . .	–	–	11,395	801	188,445	13,117
1973 . . .	–	–	15,025	1,781	224,634	25,563
1974 . . .	–	–	14,116	2,345	237,980	49,216
1975 . . .	–	–	24,340	2,569	245,653	32,603

Year	Oyster and marine clam shell lime and grit		Freshwater mussel shell products	Marine pearl shell buttons	Other industrial products	Grand total
	Tons		Thousand dollars			
1962 . . .	435,656	5,889	(3) 764	1,904	13,911	75,678
1963 . . .	398,583	5,480	(3) 369	1,152	13,759	68,601
1964 . . .	362,543	4,915	(3) 272	1,004	16,721	69,911
1965 . . .	349,528	4,558	(3) 117	901	20,756	82,830
1966 . . .	334,212	4,315	(4)	816	17,925	72,972
1967 . . .	311,367	4,144	(4)	789	19,356	61,027
1968 . . .	239,798	3,572	(4)	1,078	24,182	70,127
1969 . . .	207,332	3,329	(4)	841	25,562	83,005
1970 . . .	204,037	3,409	(5)	(5)	26,646	99,540
1971 . . .	228,606	4,128	(5)	(5)	32,046	106,551
1972 . . .	221,711	4,210	(5)	(5)	84,639	155,982
1973 . . .	207,922	4,015	–	(5)	37,898	202,828
1974 . . .	207,576	4,651	–	(5)	48,858	198,834
1975 . . .	276,852	5,847	–	(5)	49,550	162,297

(1) Homogenized condensed fish has not been produced since 1963.
(2) Included with other oils. (3) Includes the value of pearl novelties.
(4) Included with marine pearl shell buttons. (5) Included with other industrial products.

Note:--Totals are correct. Table may not add because of rounding.